

Figure 1

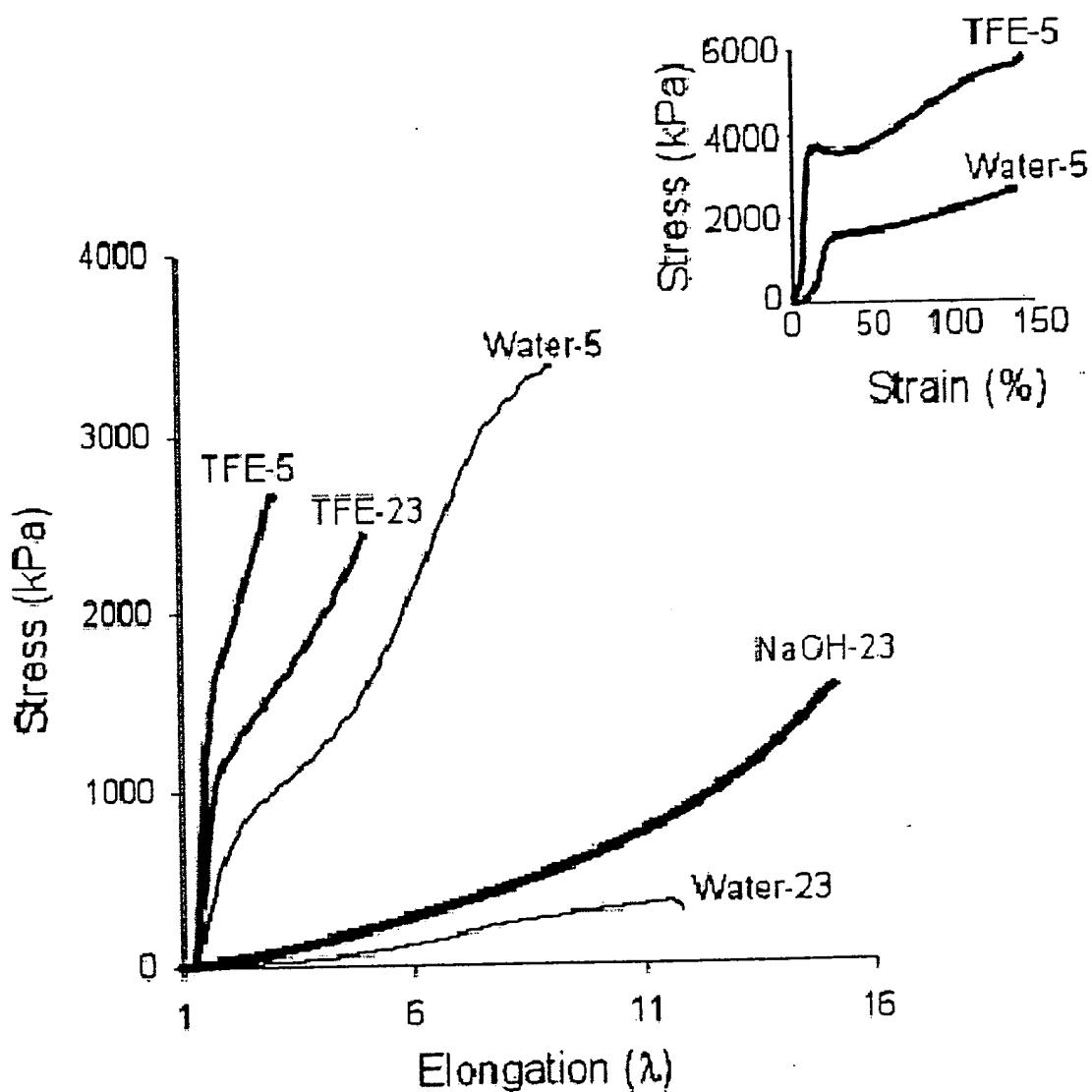


Figure 2

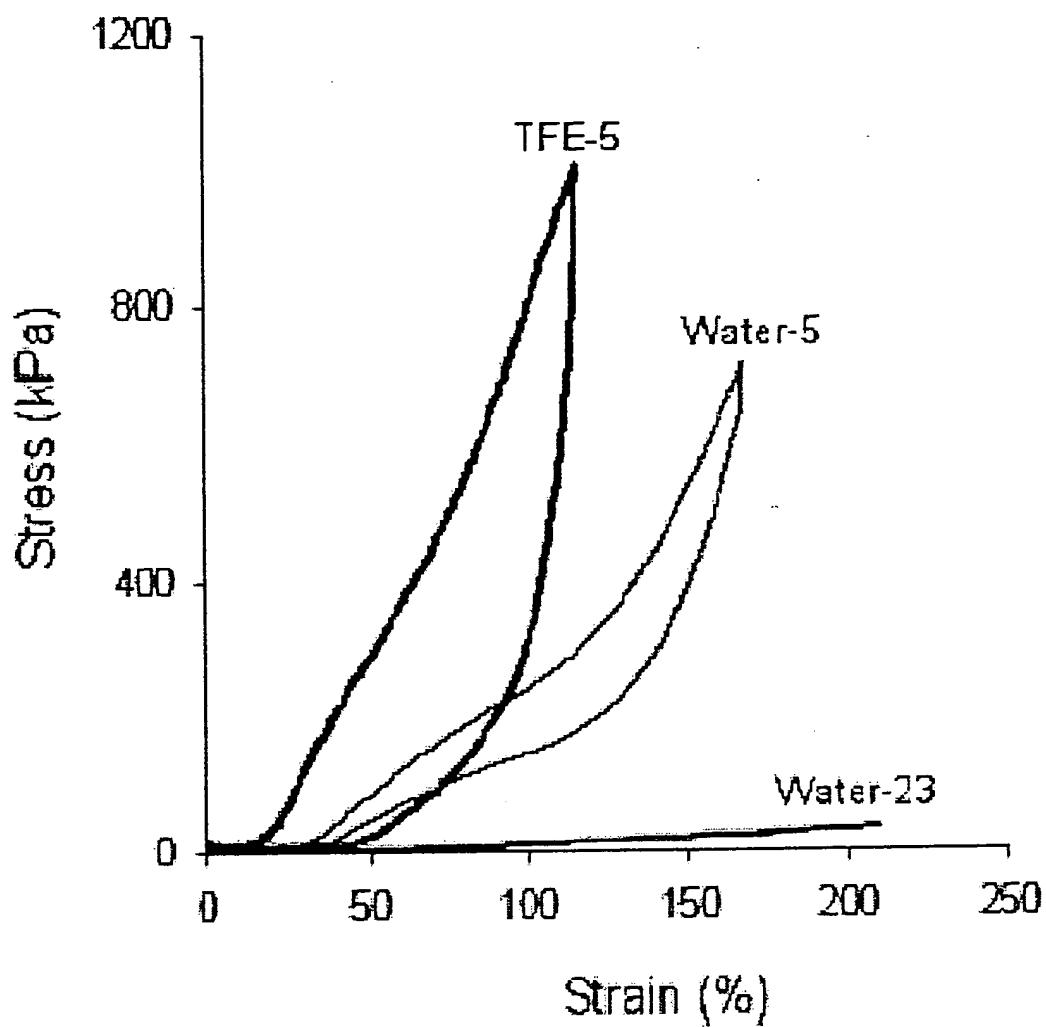


Figure 3

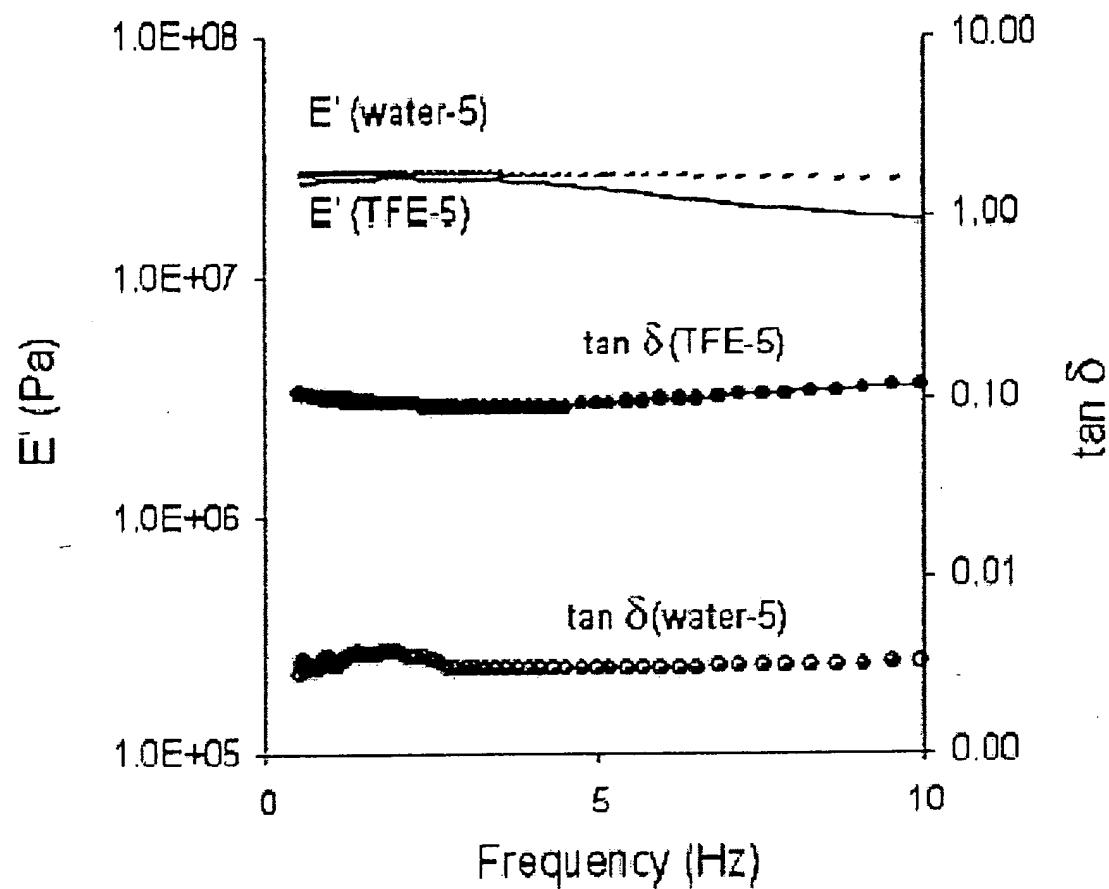


Figure 4.

CTC TTC N NN NNN
GAG AAG N NN NNN

CTC TTC N NN NNN
GAG AAG N NN NNN

Figure 5A

CTC TTC AGT ANN --- --- --- N NG TAT GAA GAG
GAG AAG TCA TNN --- --- --- N NC ATA CTT CTC

CTC TTC AGT ANN --- --- --- N NG TAT GAA GAG
GAG AAG TCA TNN --- --- --- N NC ATA CTT CTC

Figure 5B

US 200

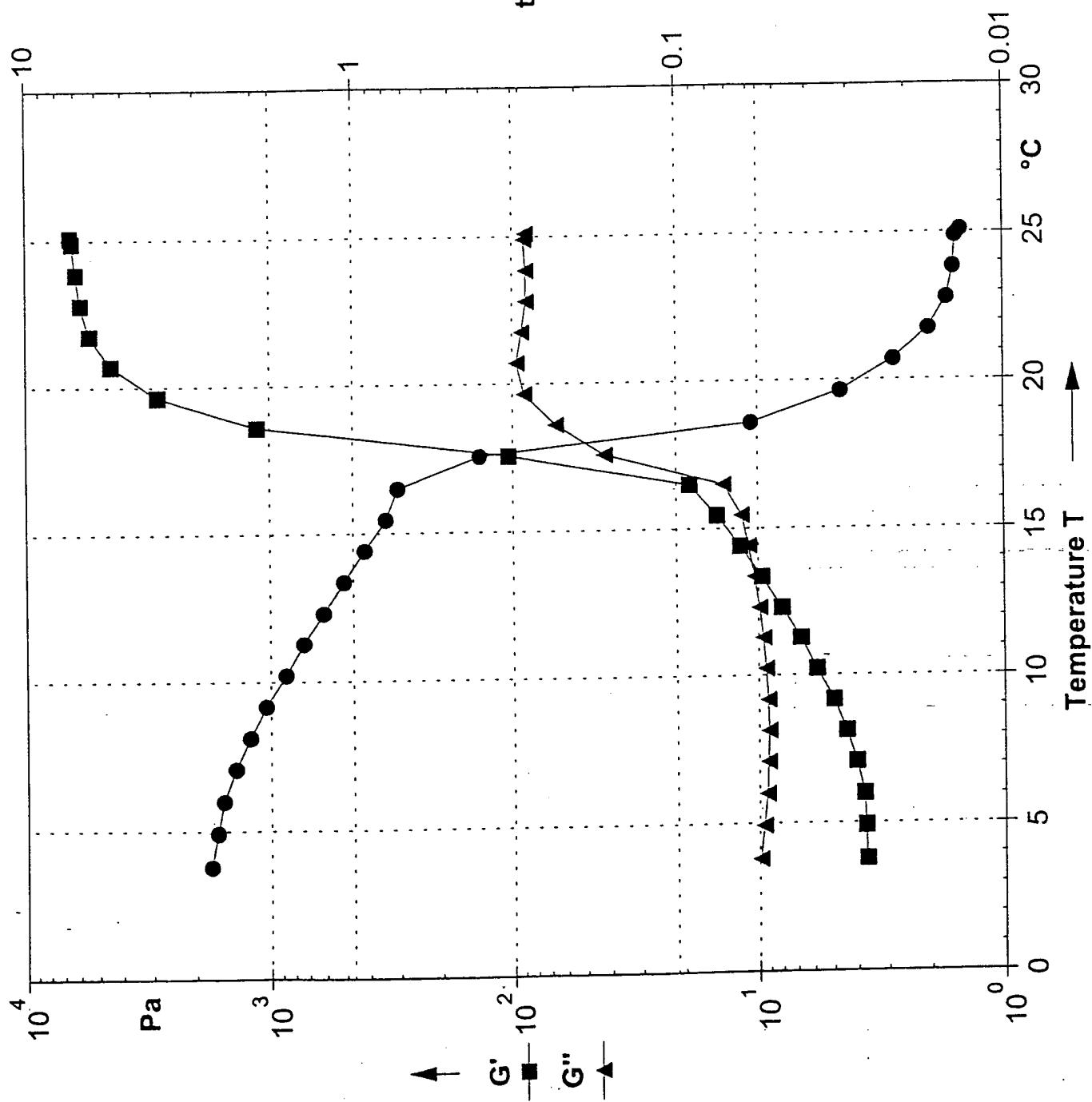
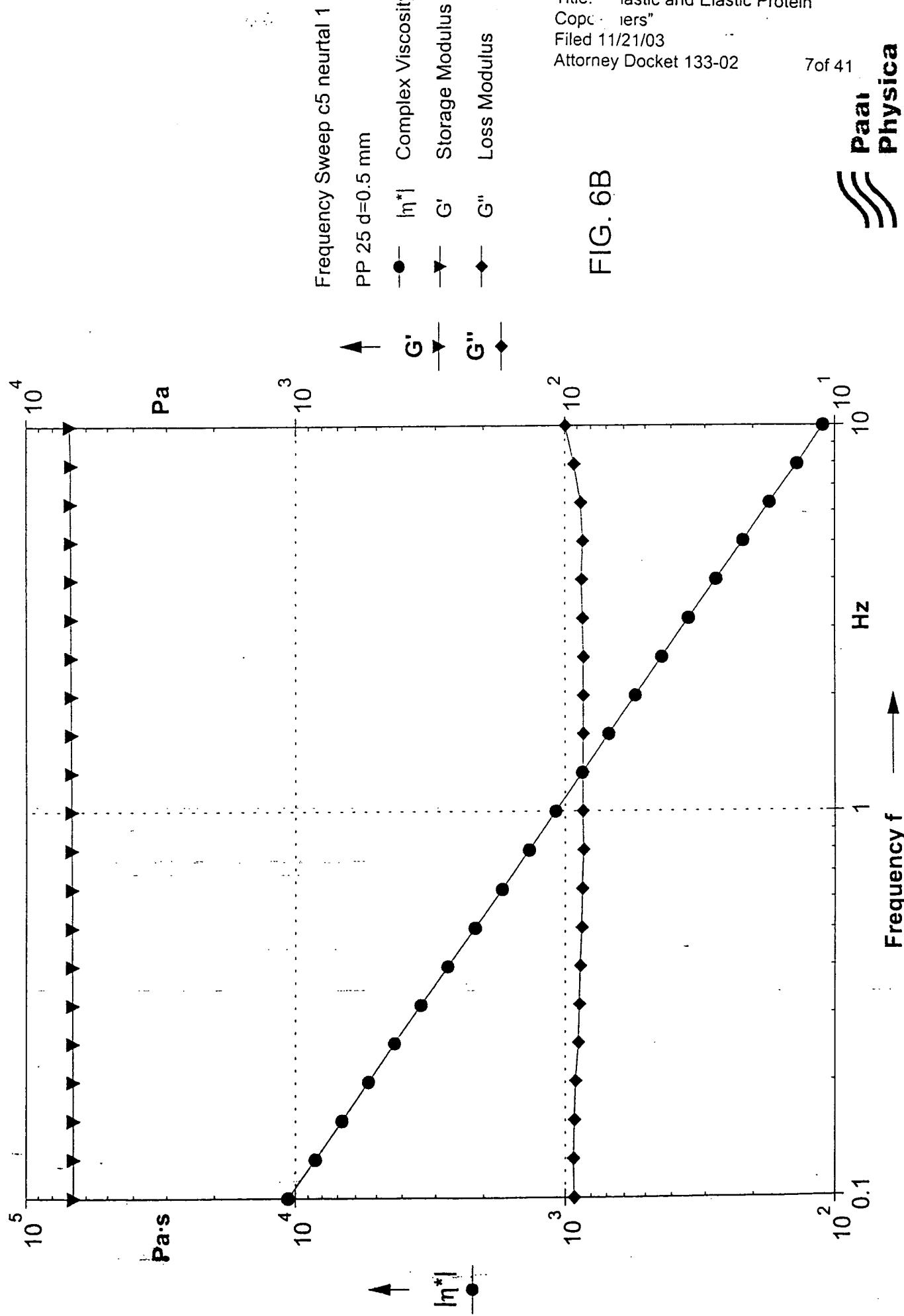


FIG. 6A

US 200



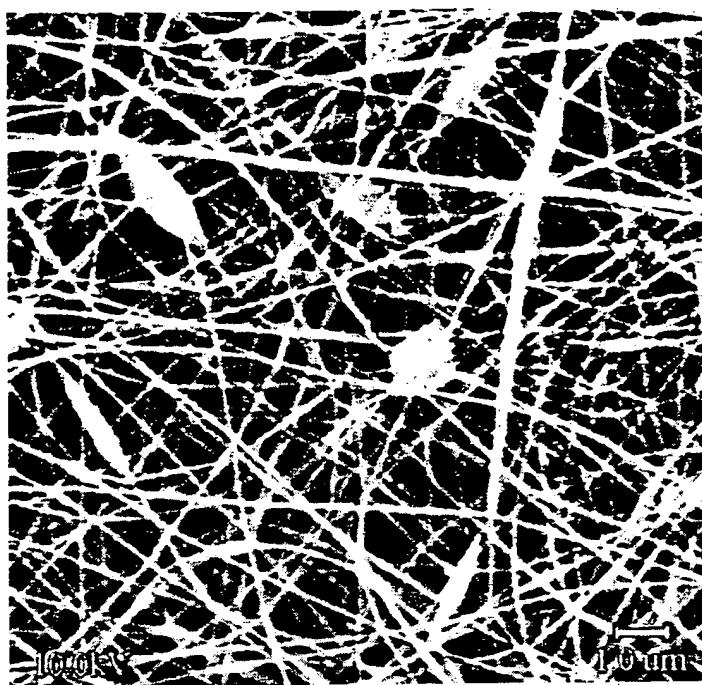


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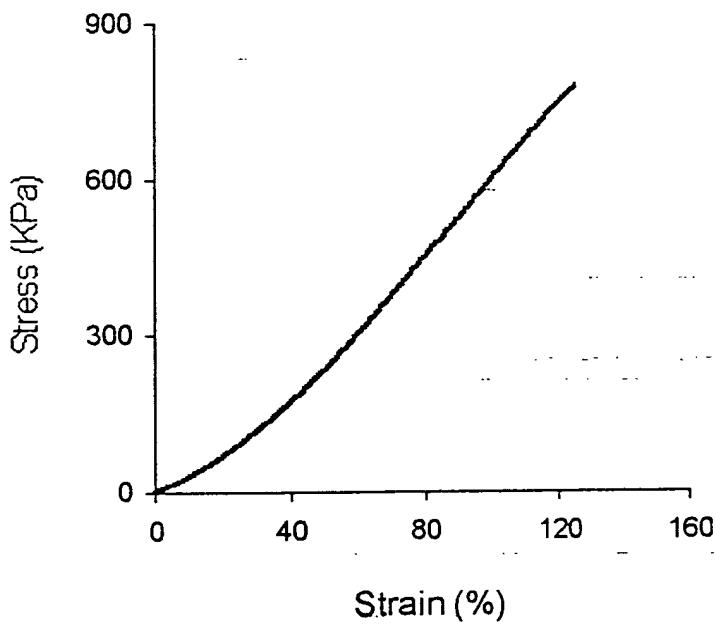


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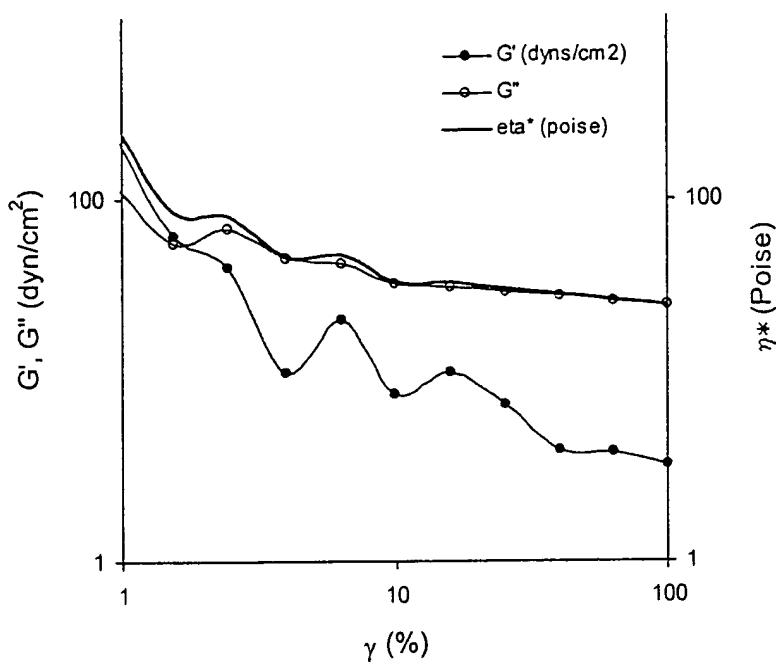


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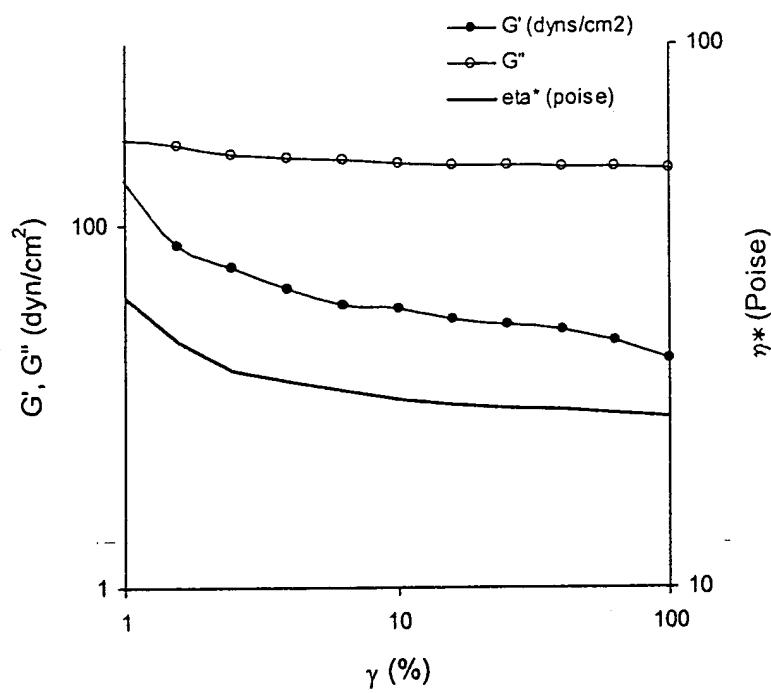


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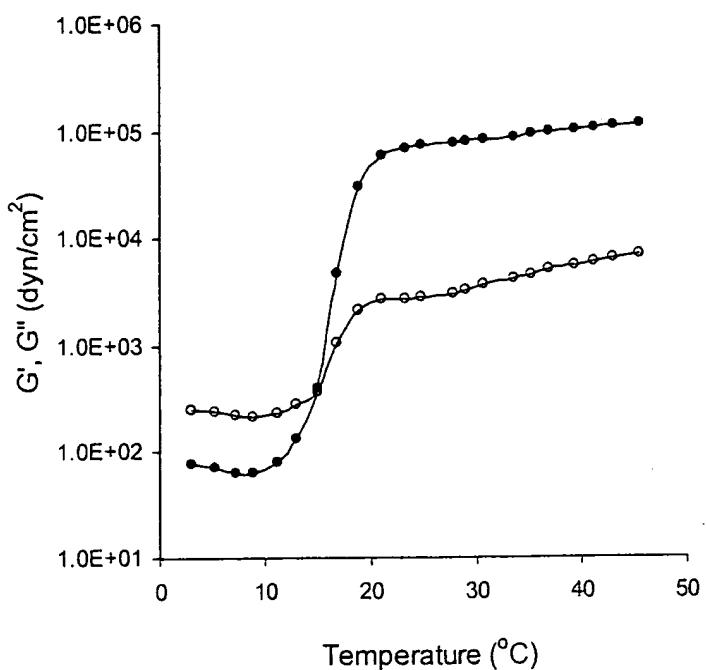


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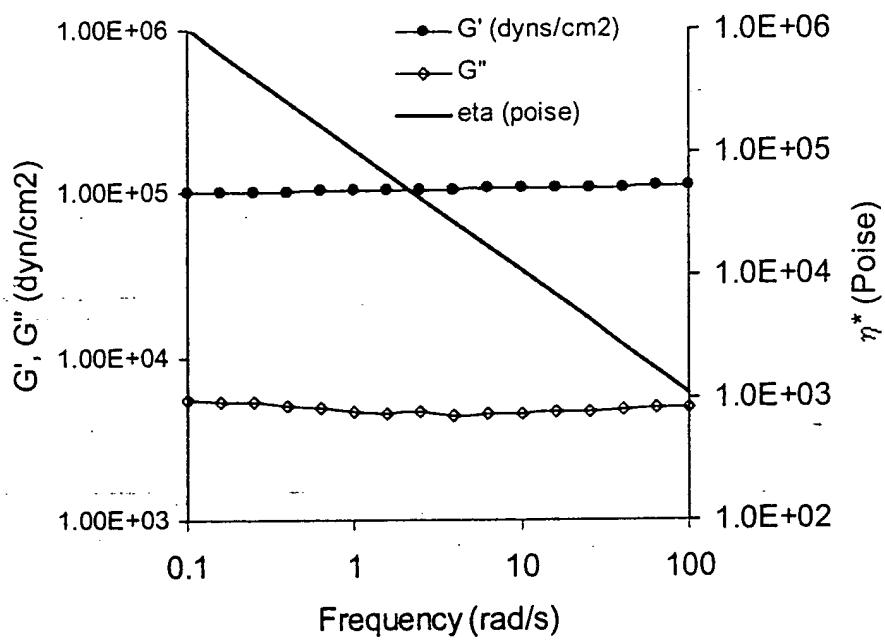


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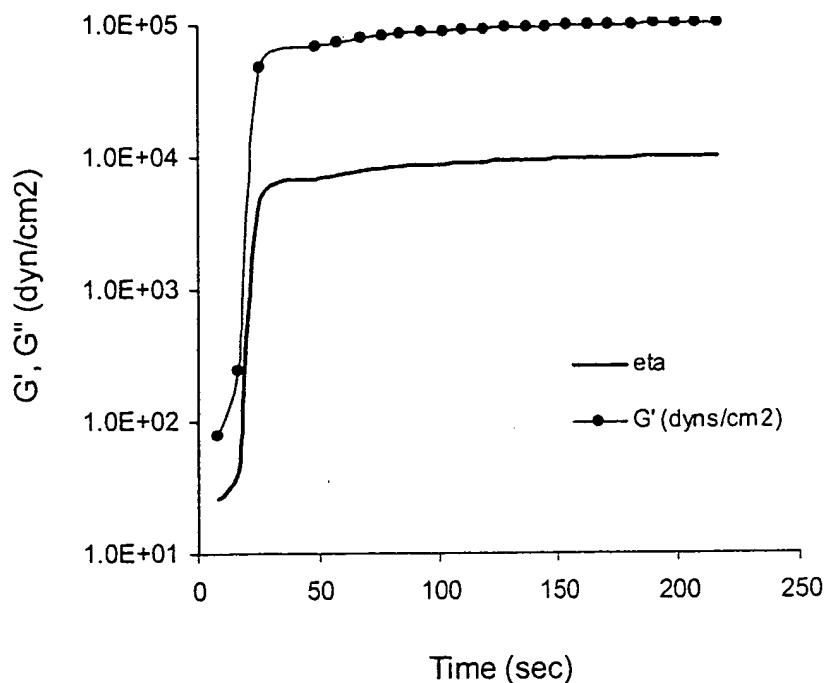


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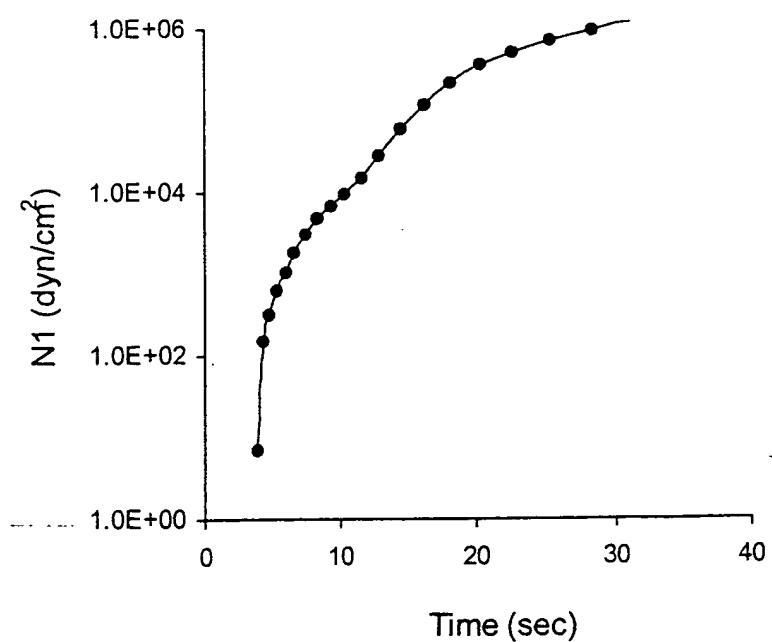


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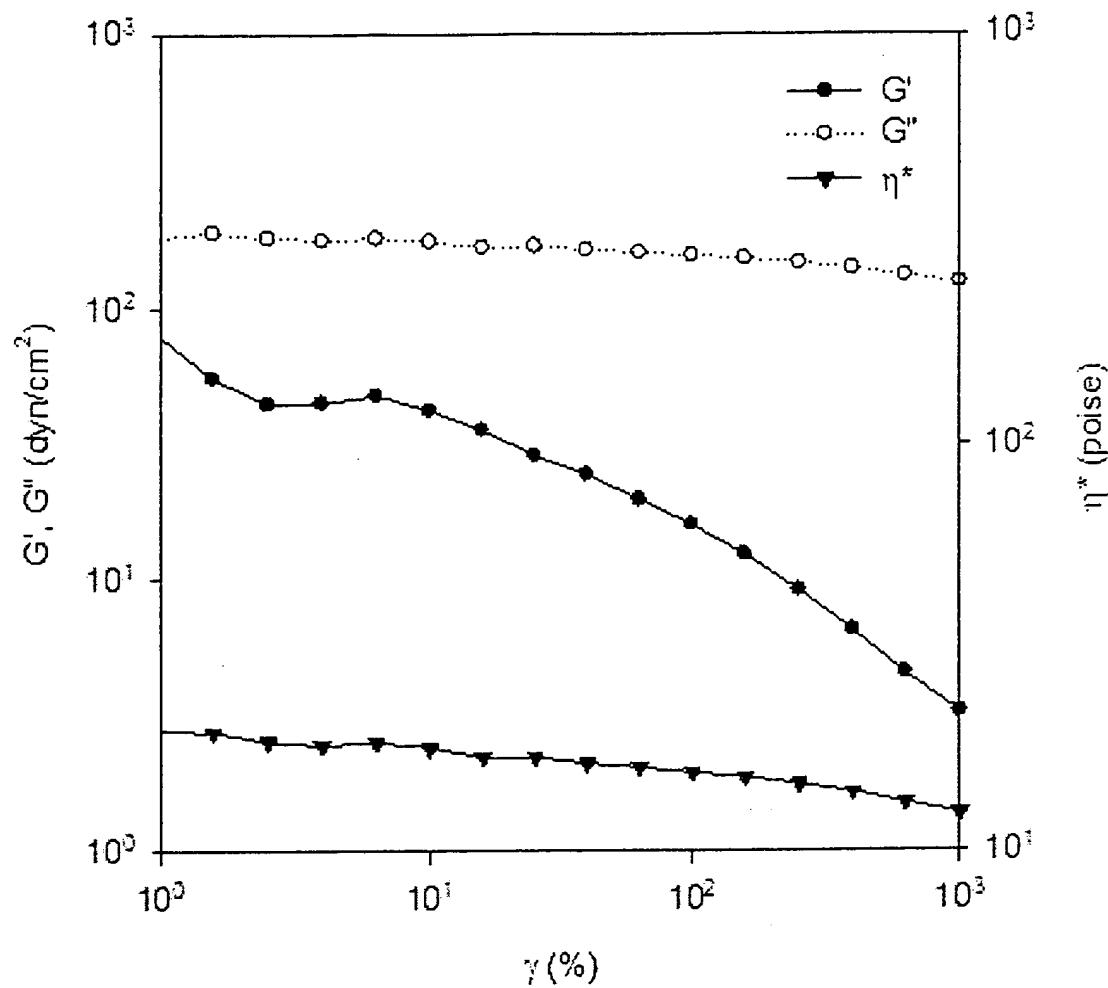


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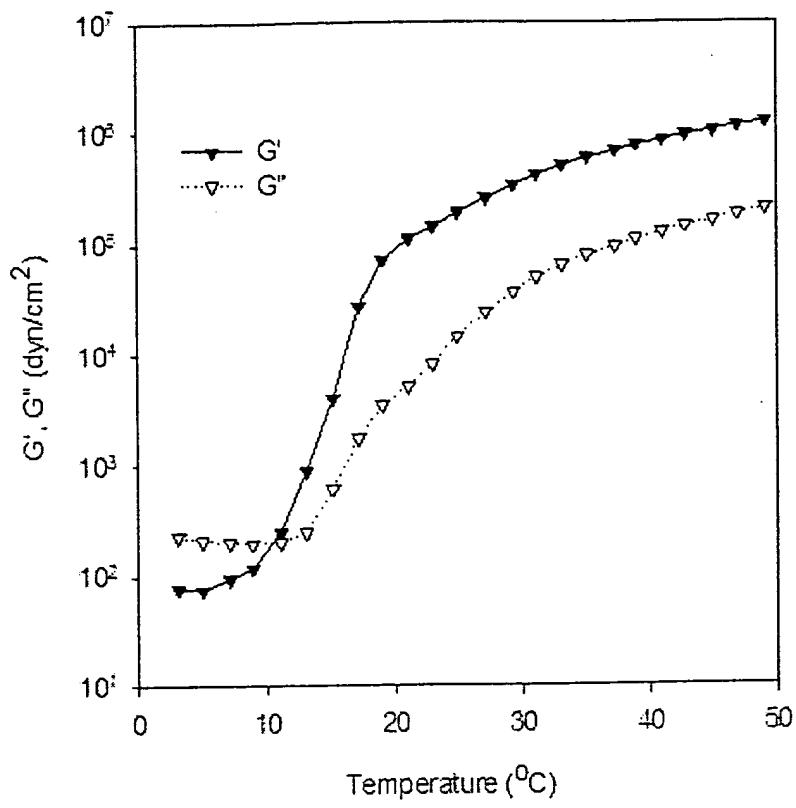


Figure 16.

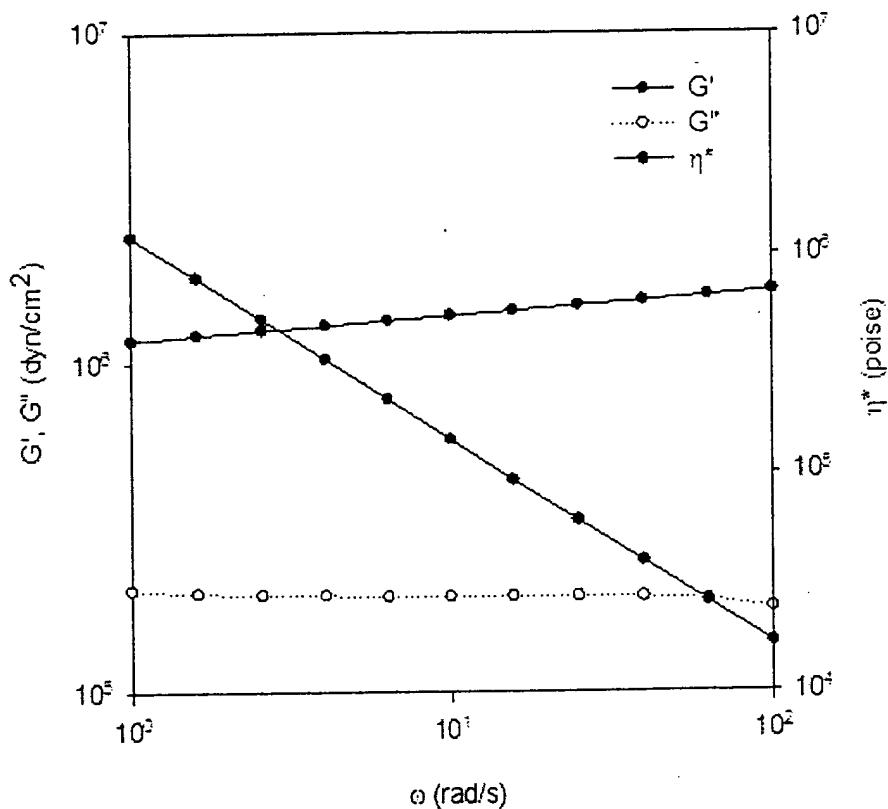


Figure 17.

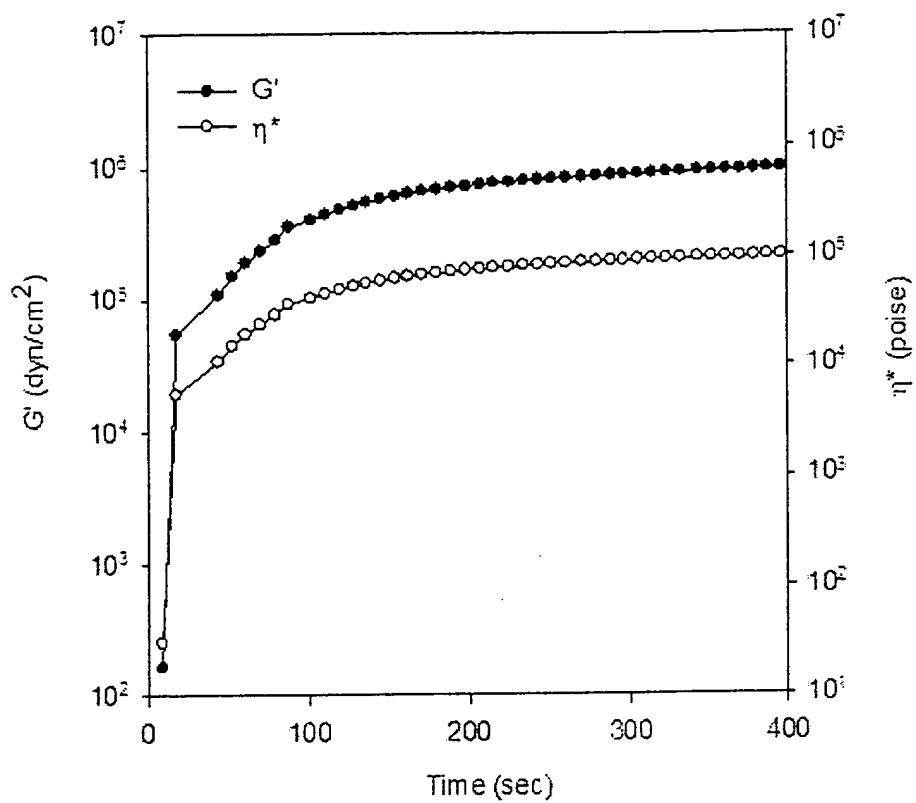


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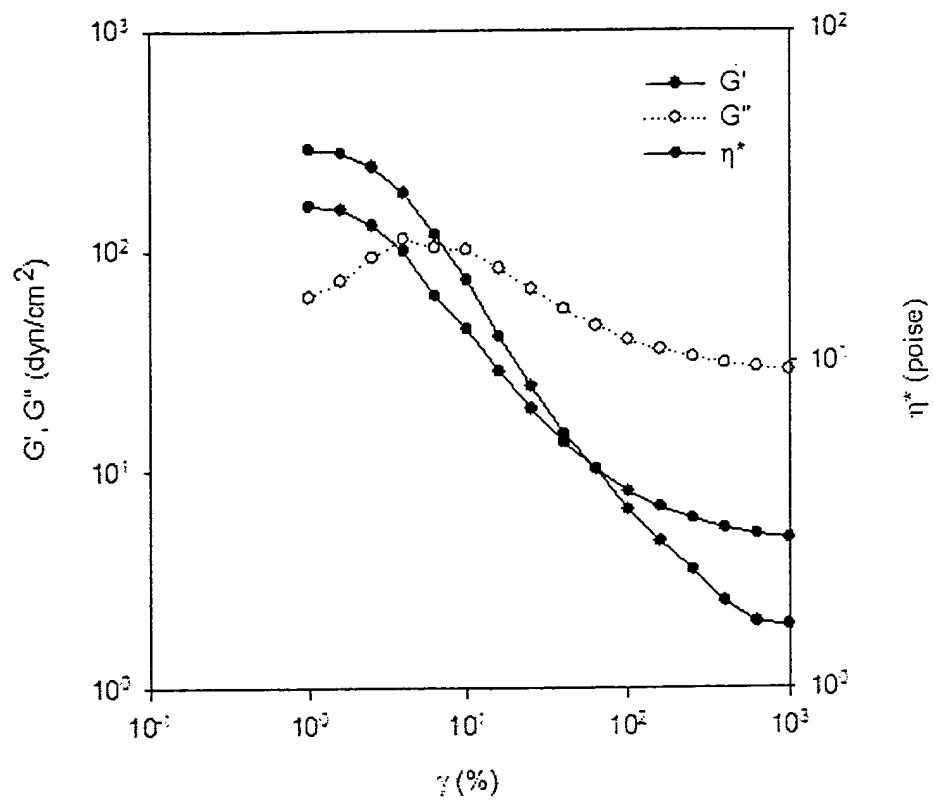


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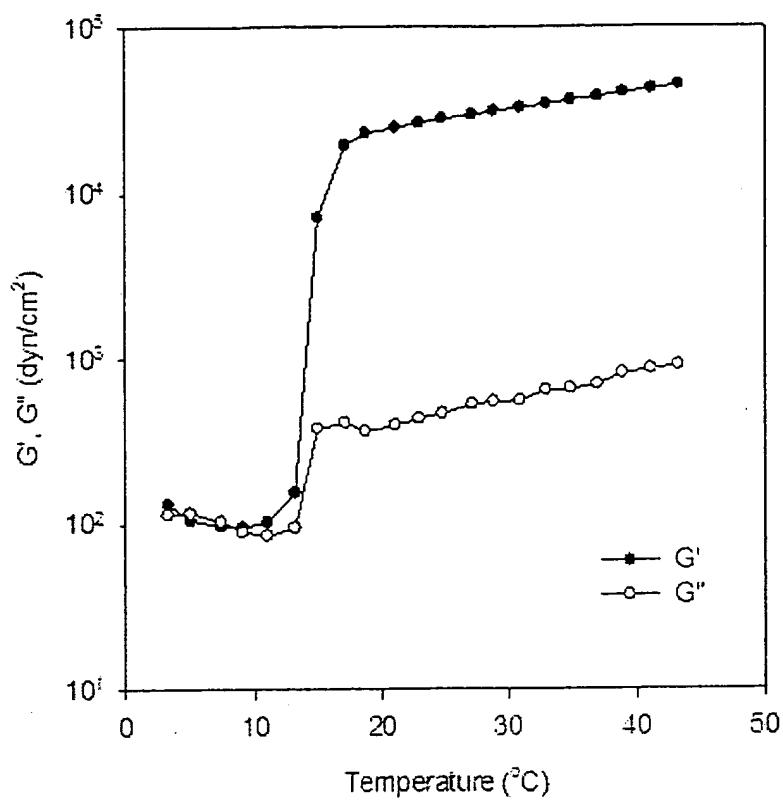


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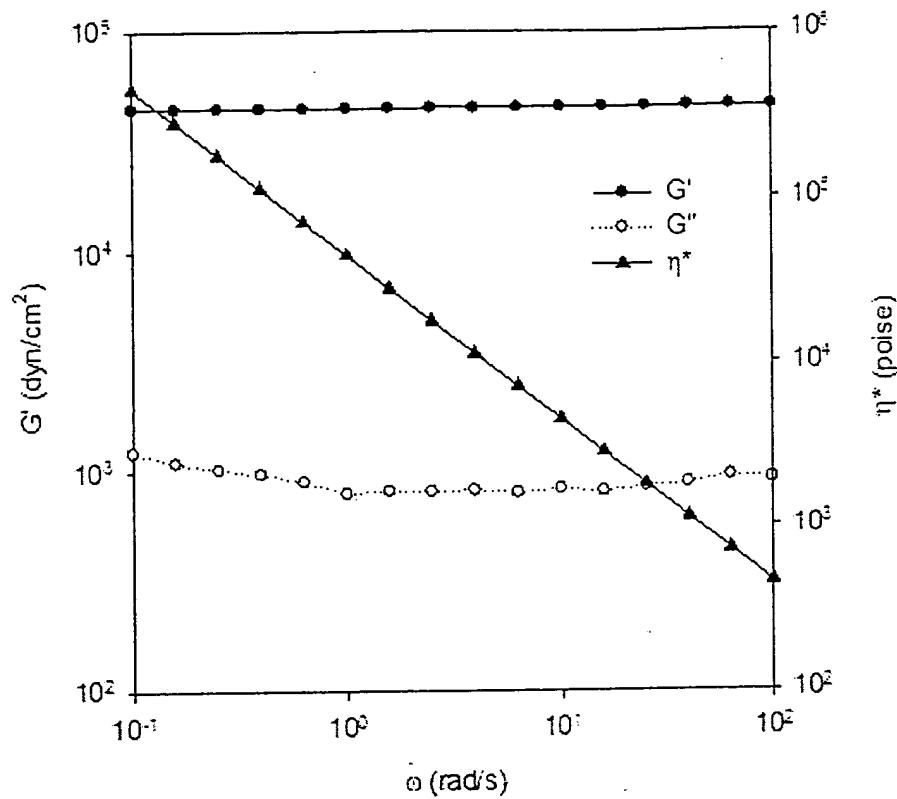


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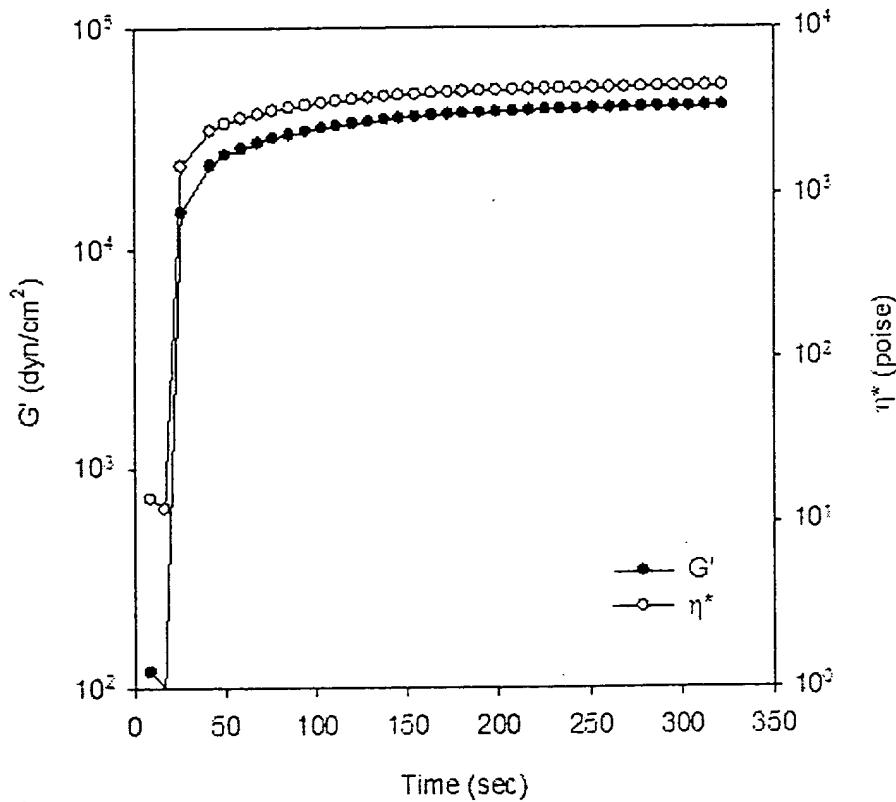


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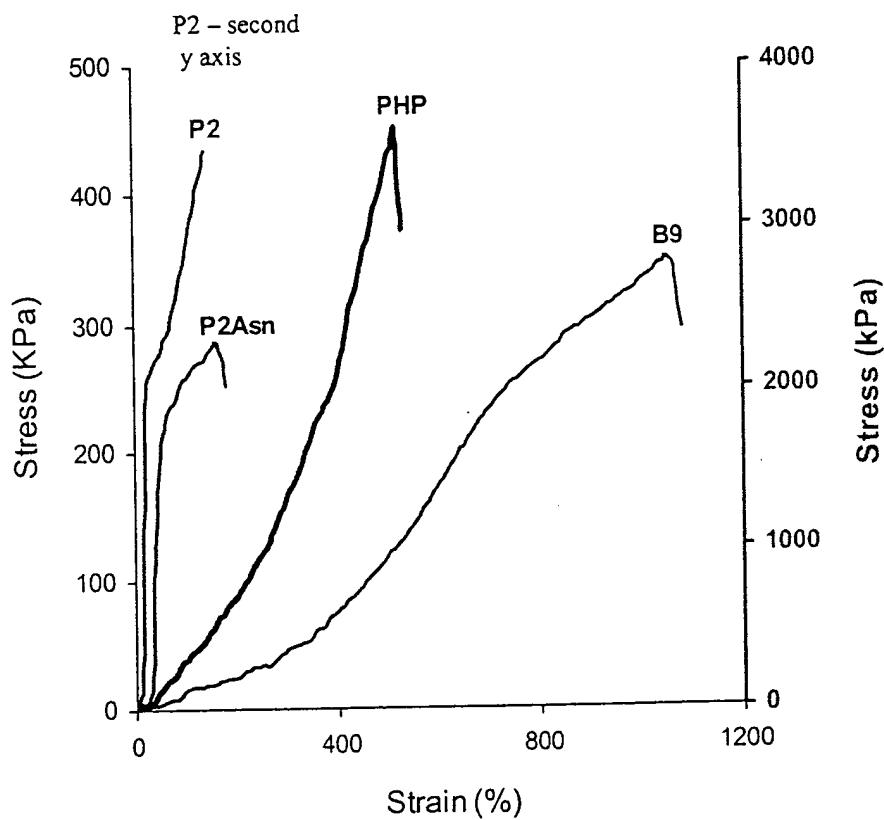


Figure 23

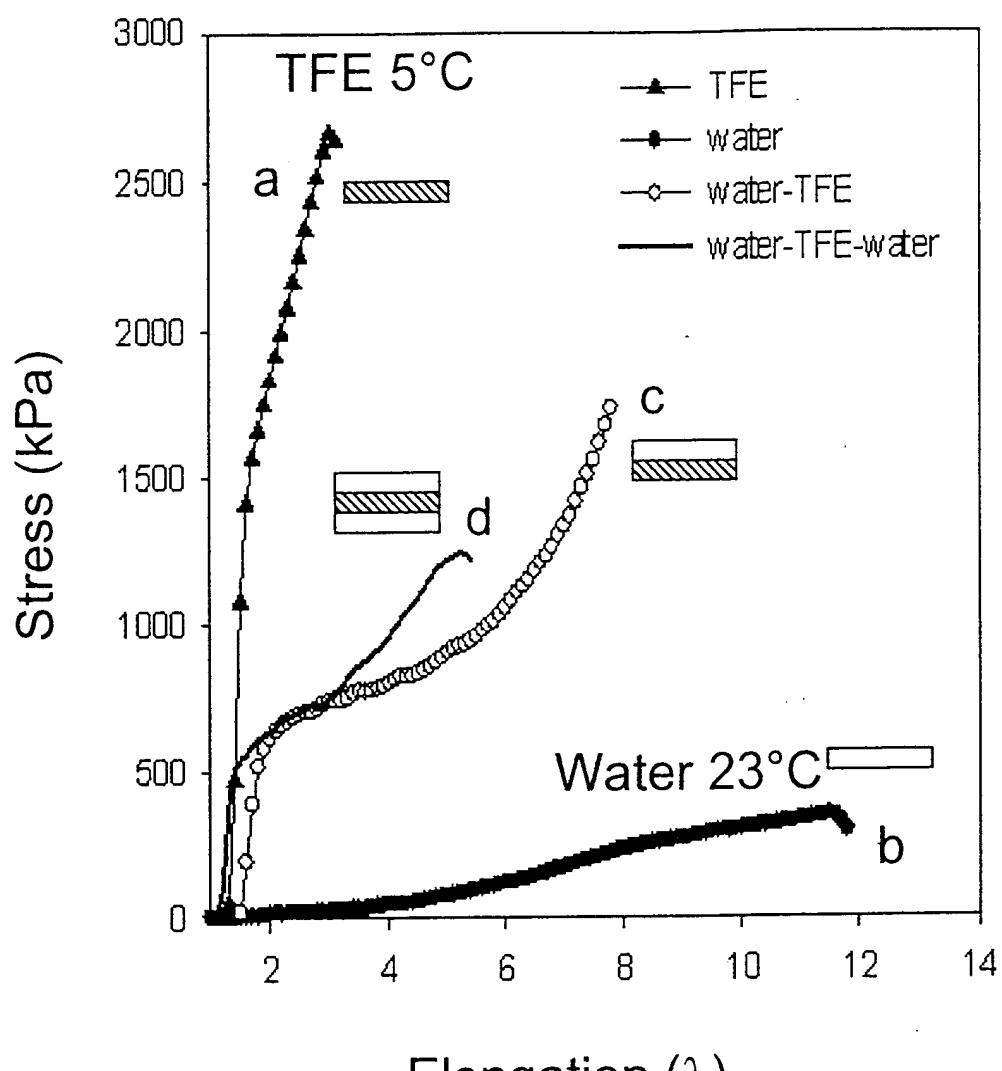


Figure 24.

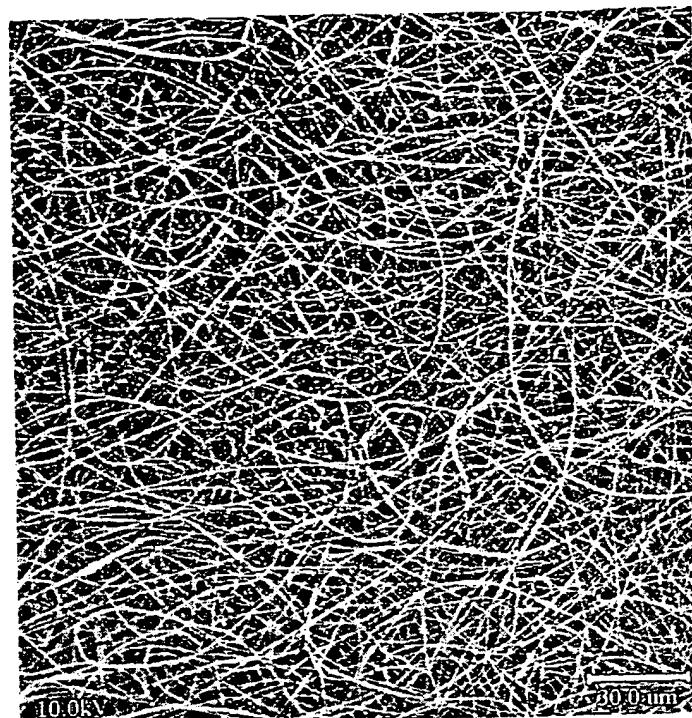


Figure 25A.

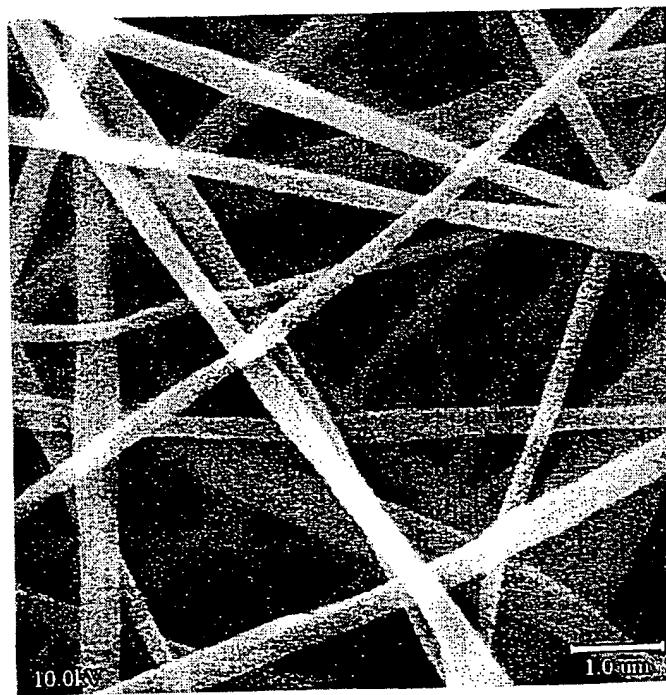


Figure 25B.

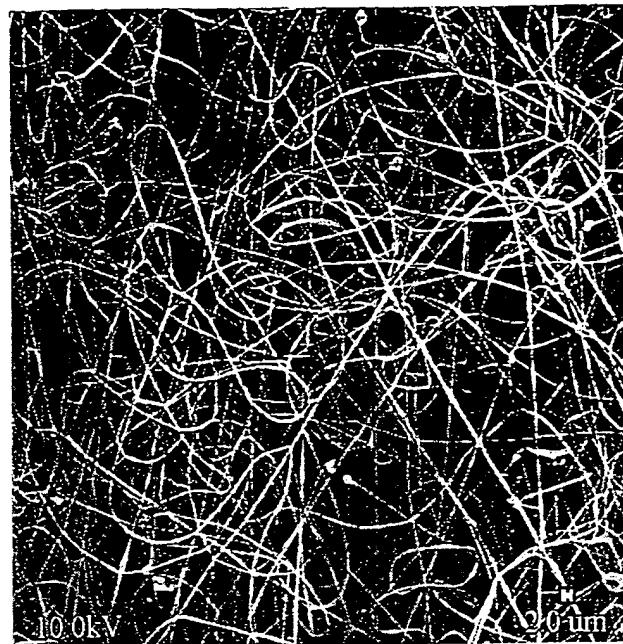


Figure 26A.

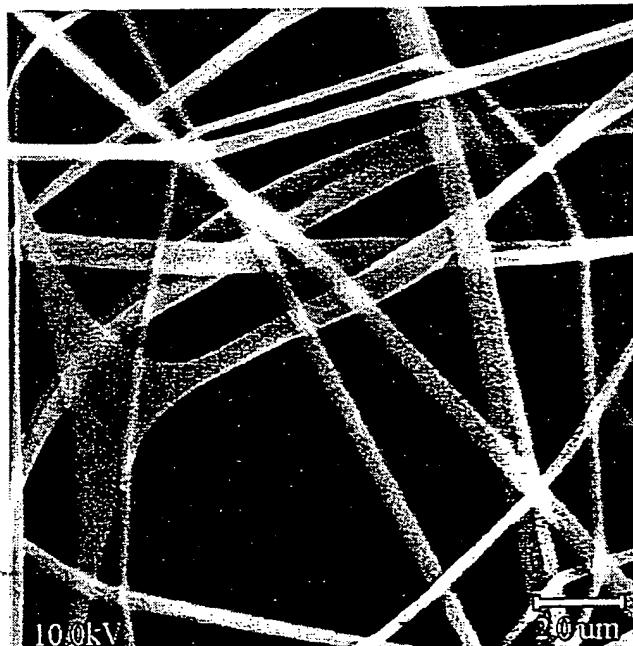


Figure 26B.



Figure 27A.



Figure 27B.

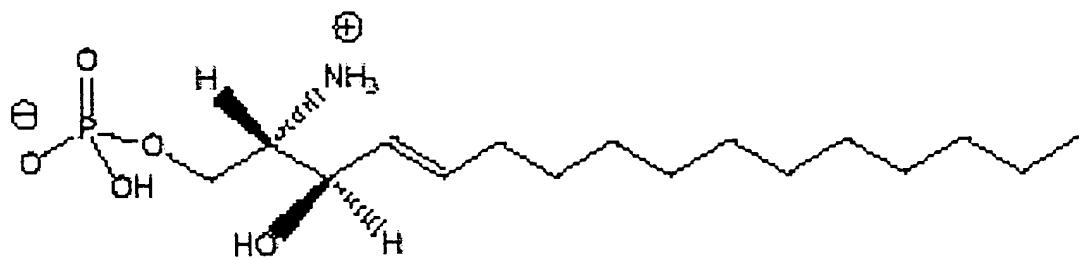


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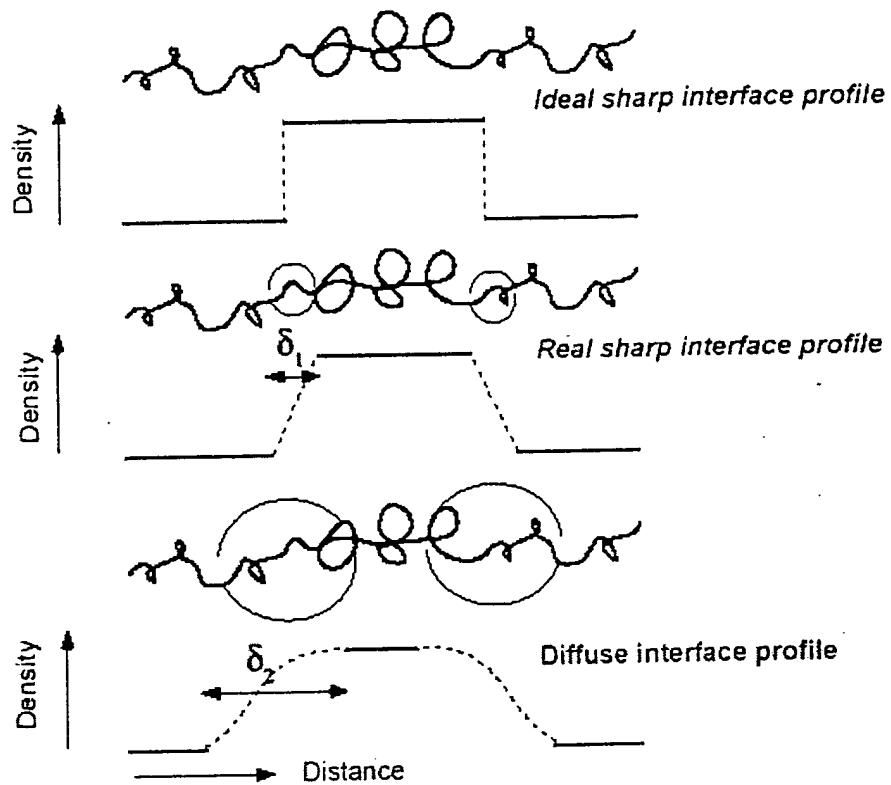


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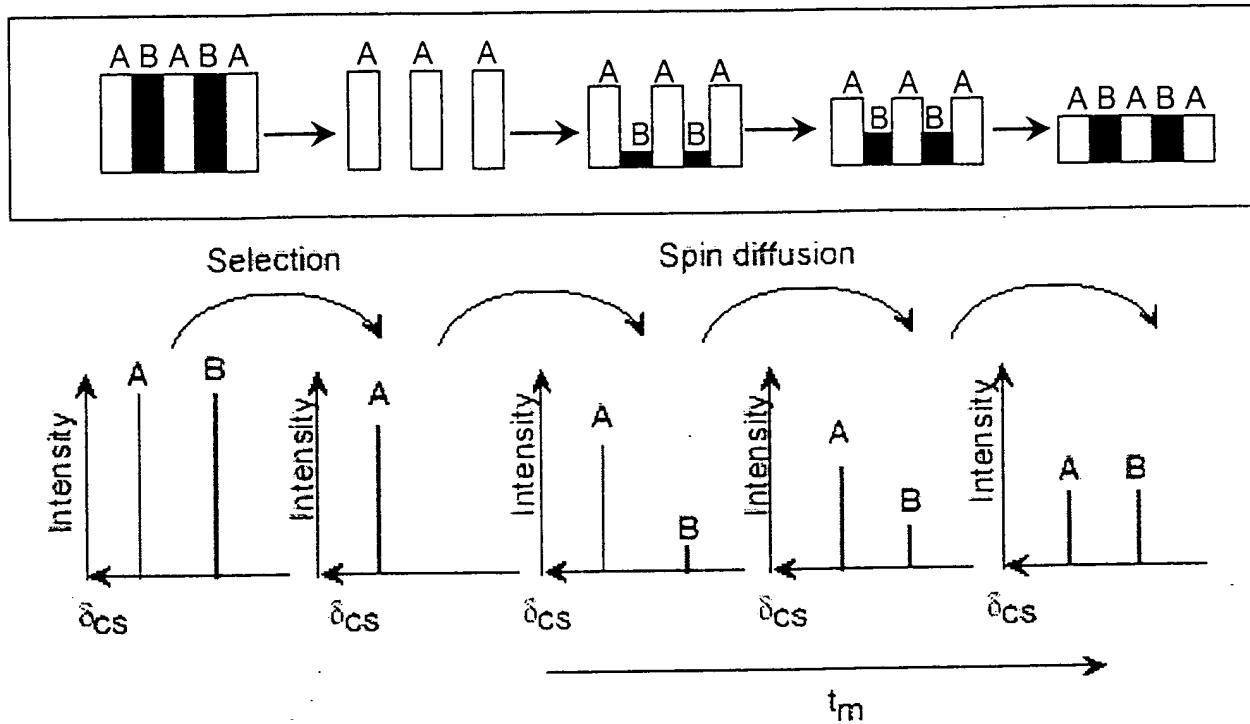


Figure 30.



Figure 31.

^{13}C Solution-state spectrum of B9 labeled at alanine -CH₃

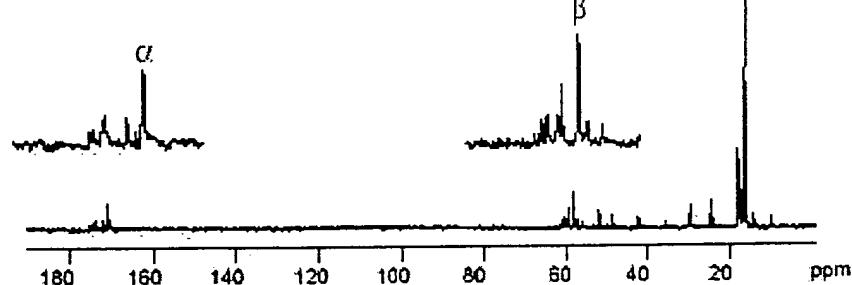
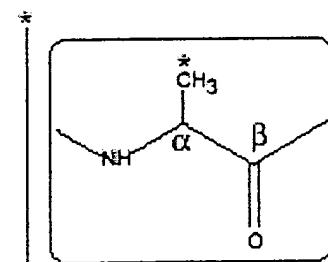


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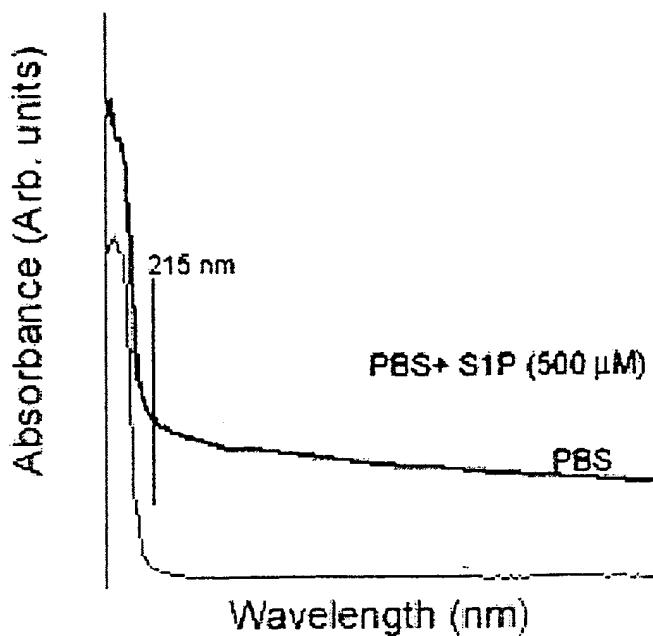


Figure 33.

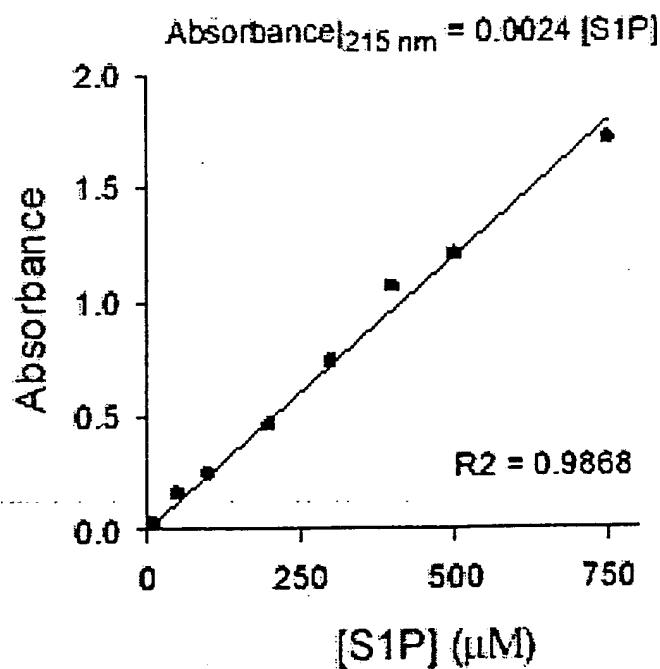


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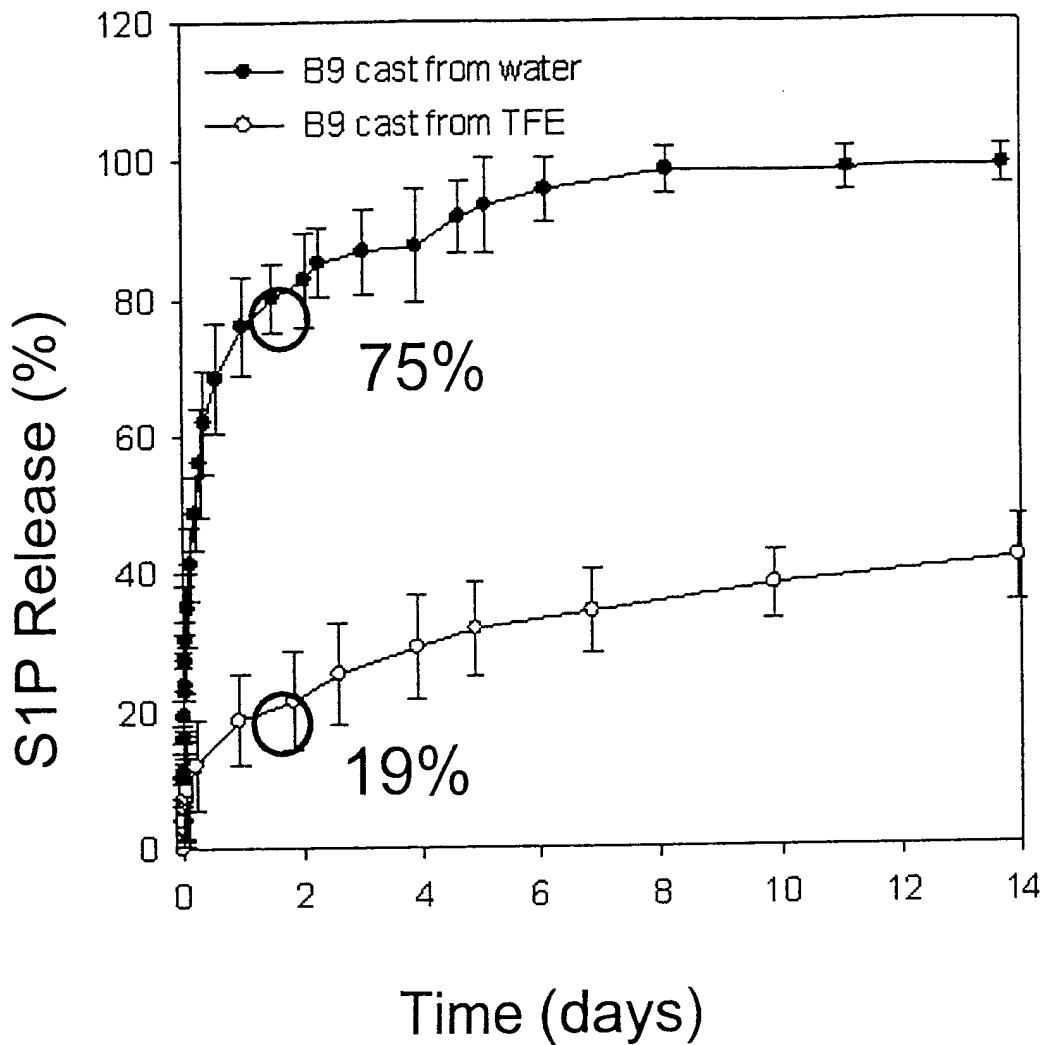


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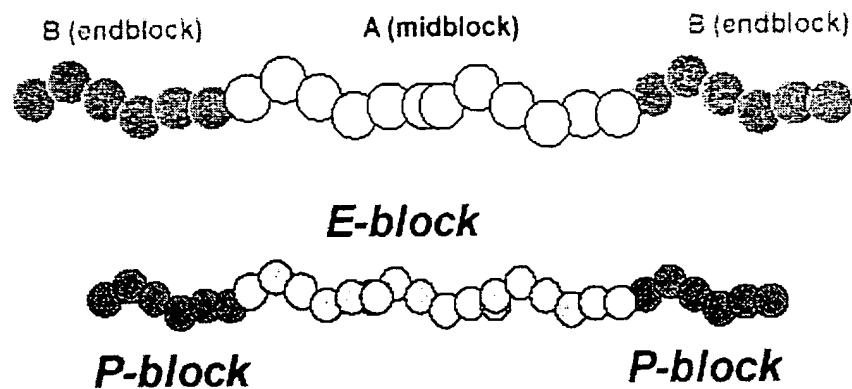


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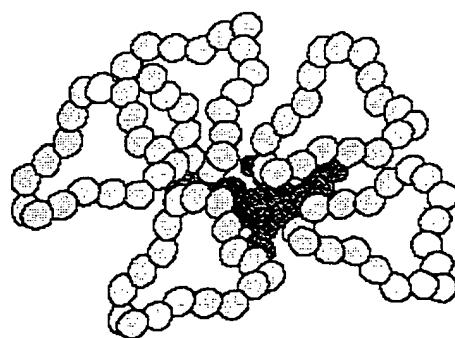


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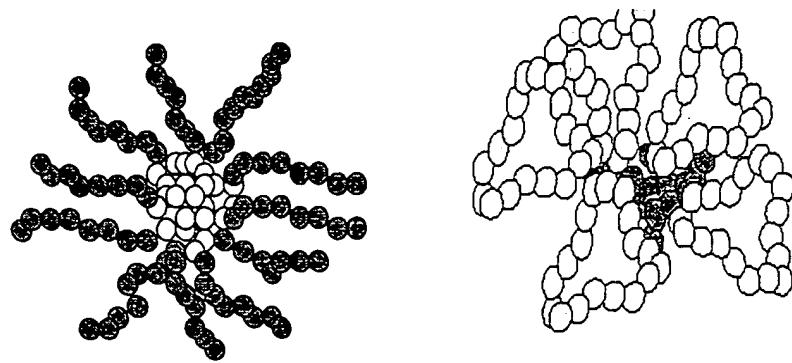


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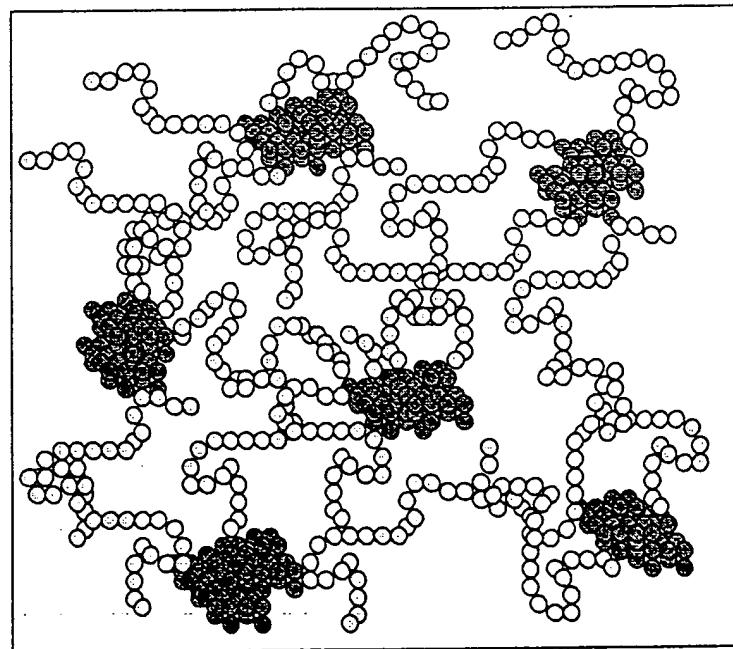


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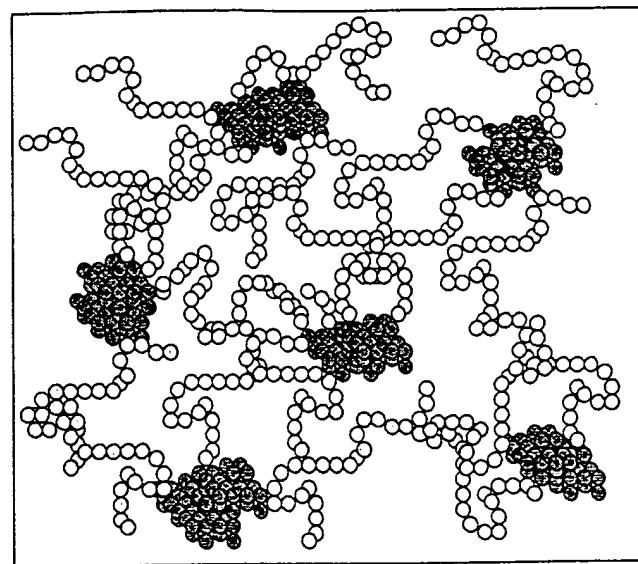


Figure 40A.

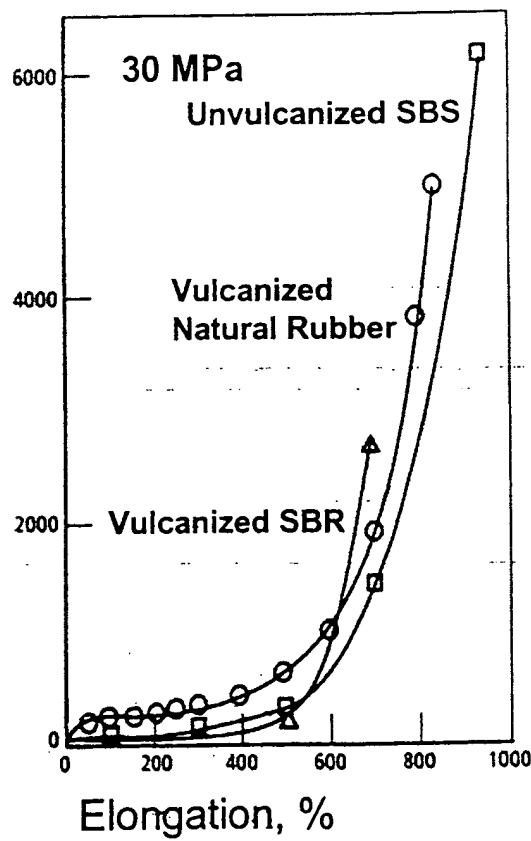


Figure 40B.

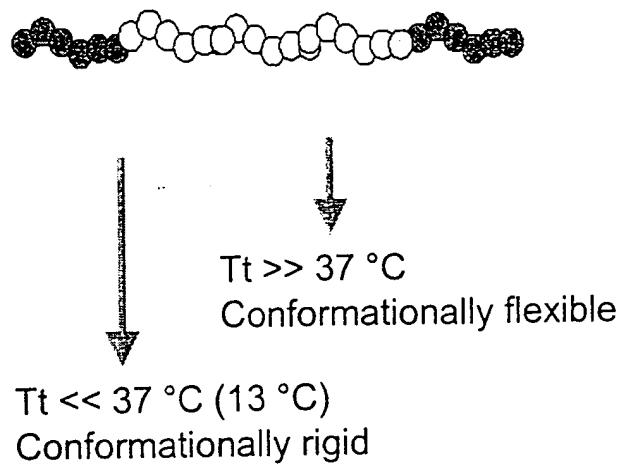


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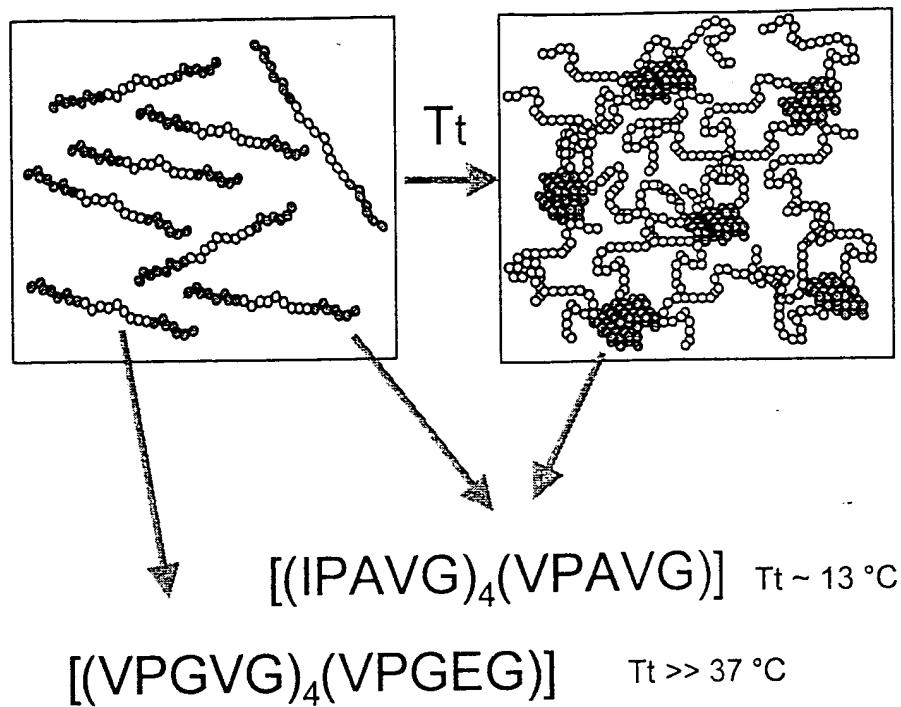


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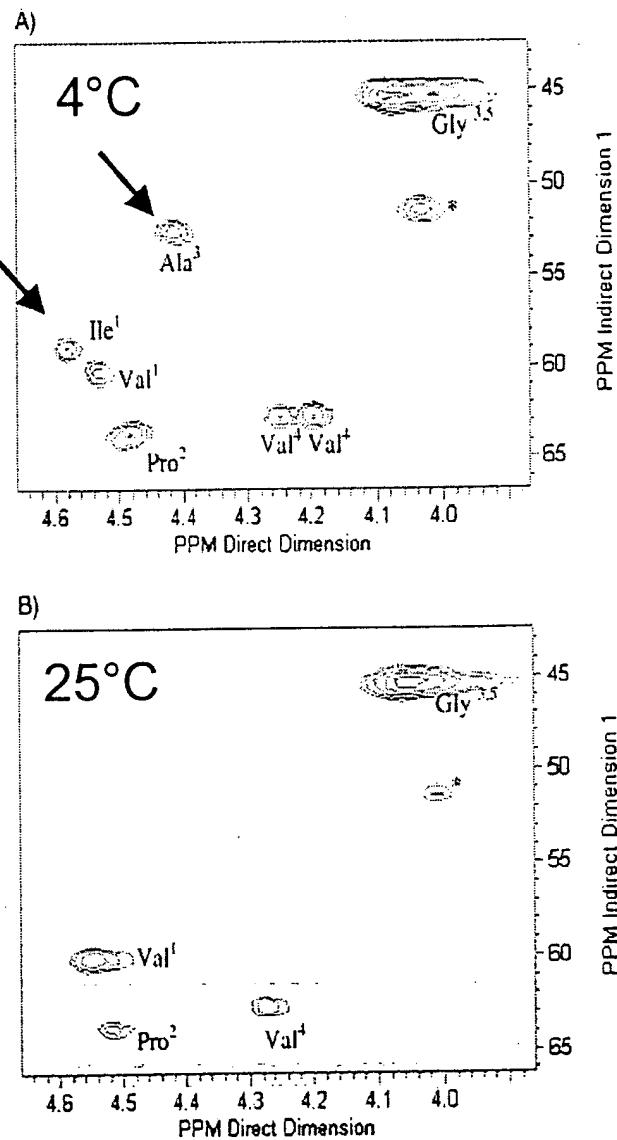


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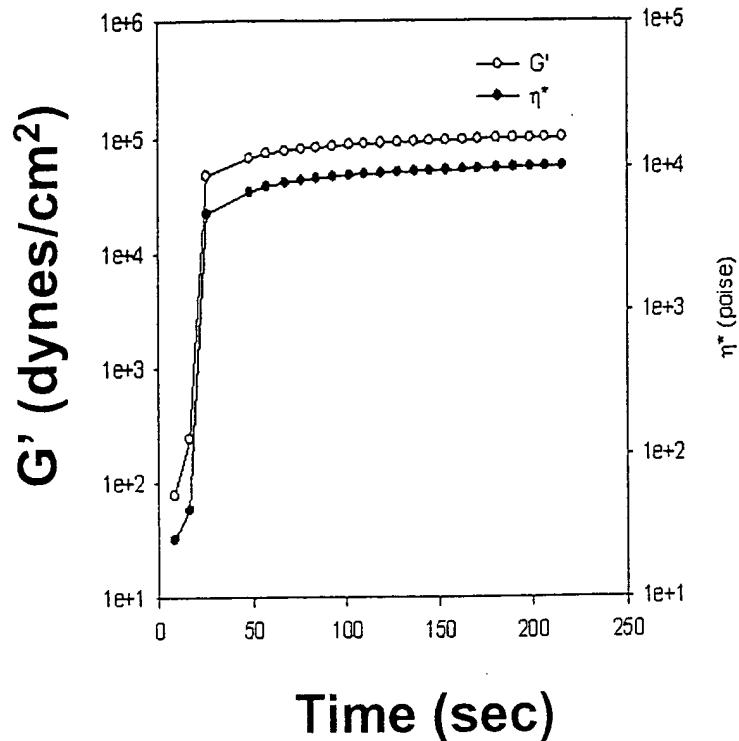


Figure 44.

Stress-strain curve

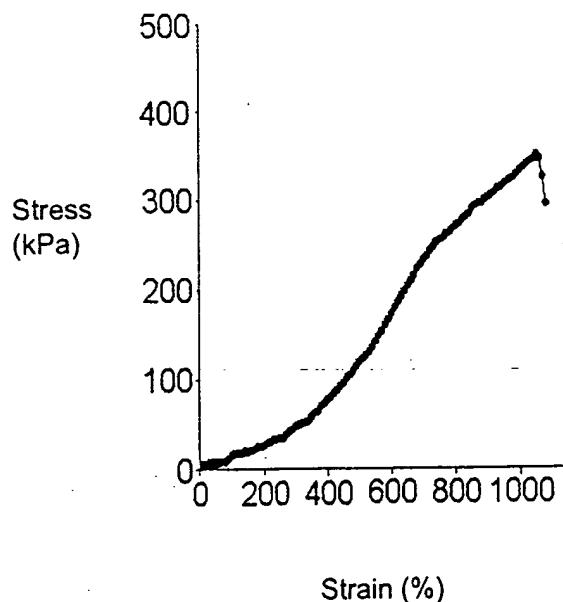


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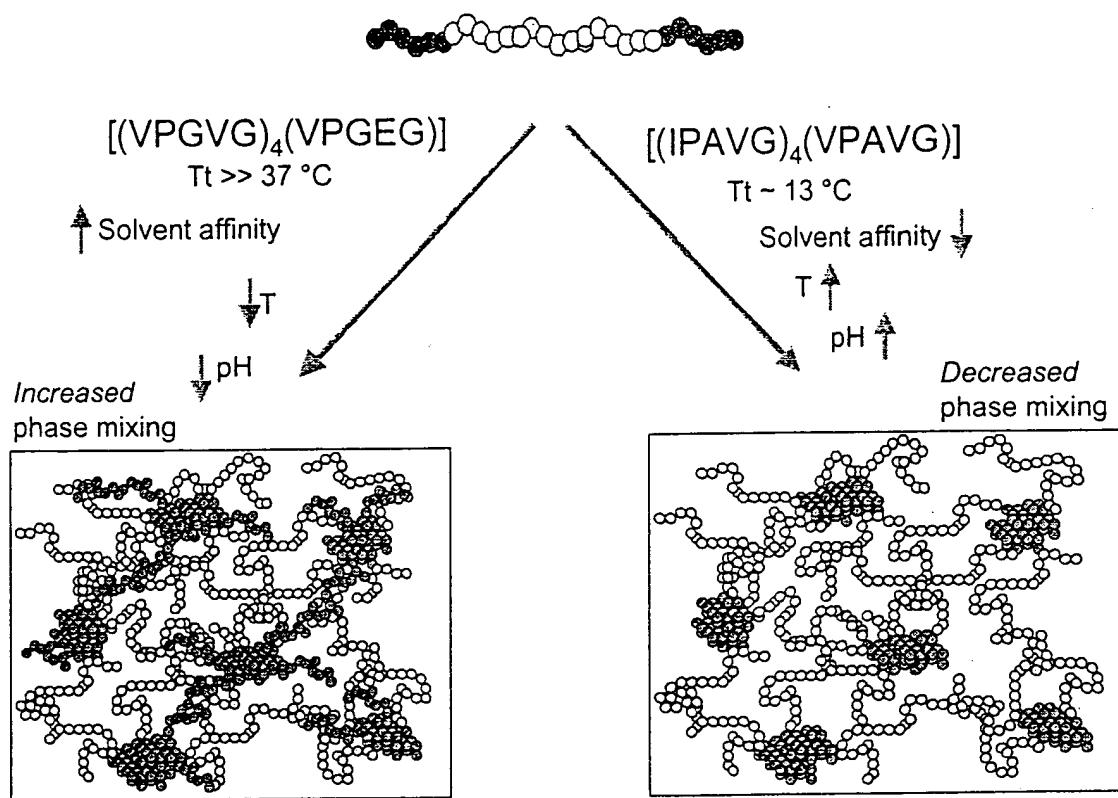


Figure 46.

Inventors: Chaikof et al.

Title: "Plastic and Elastic Protein

Copolymers"

Filed 11/21/03

Attorney Docket 133-02

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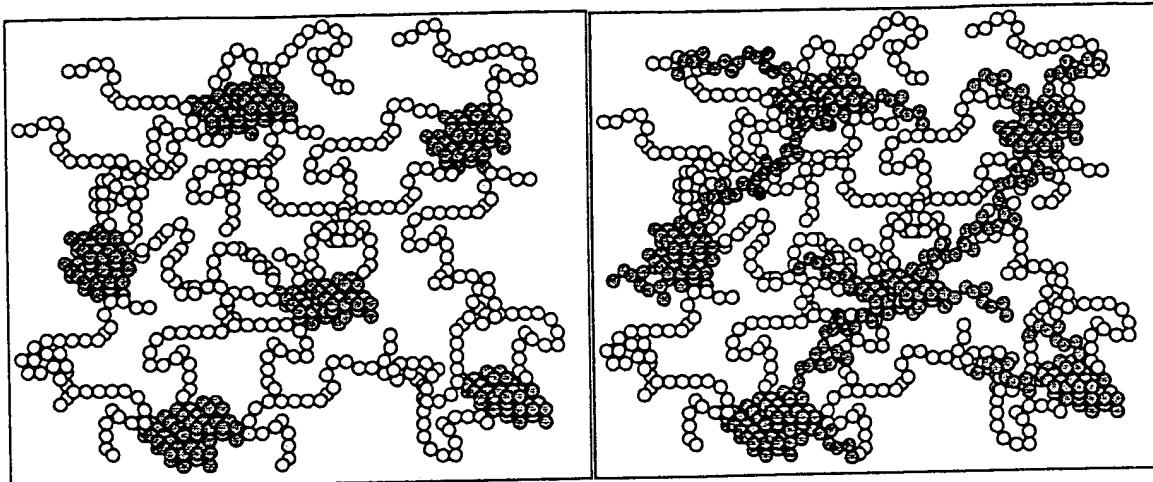


Figure 47.

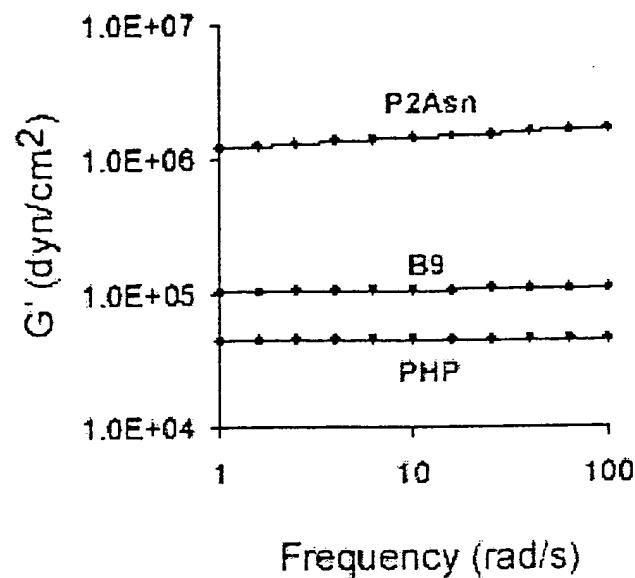


Figure 48A.

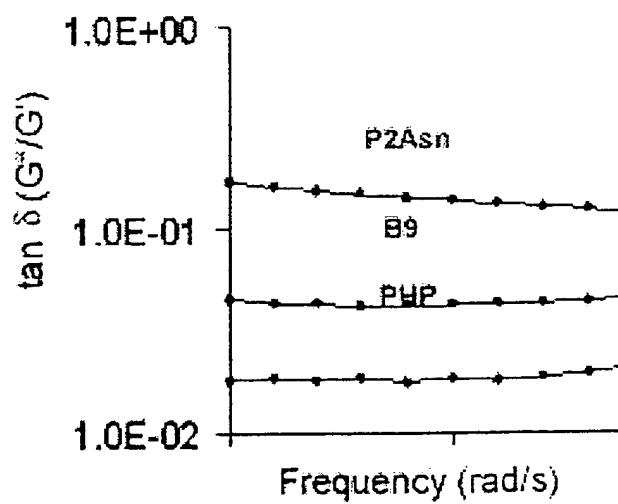


Figure 48B.

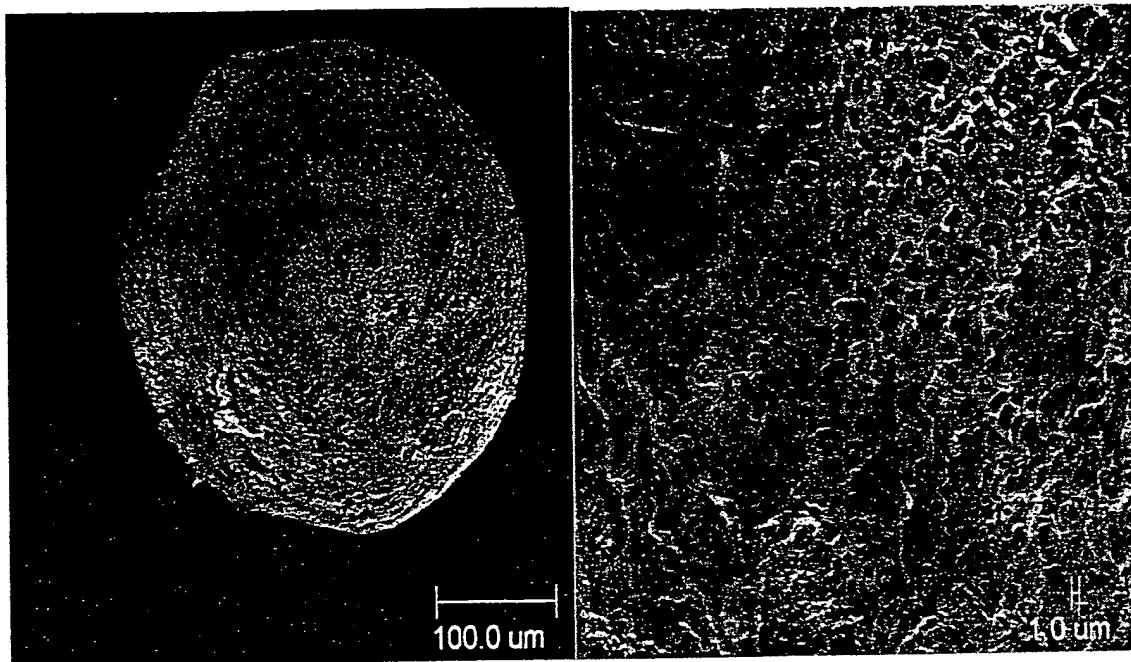


Figure 49.

Operating System: Windows 2000; Patentin 3.2.3

Applicant: Chaikof

Title: Plastic and elastic protein copolymers

Date data recorded-CRF: 20 Nov 2003

Atty Docket: 133-02 US

Application No.:

Appln Filing Date: 21 Nov 2003

Diskette No.: 1 of 1

Copy to (check one): USPTO_X_ Atty__

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